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Substitute for form 1449A/PTO

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Application Number	10/047581
Filing Date	10/23/2001
First Named Inventor	John S. Stevens
Group Art Unit	3738
Examiner Name	Isabella, David
Attorney Docket Number	HRT-0287

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner  
Signature

Date Considered

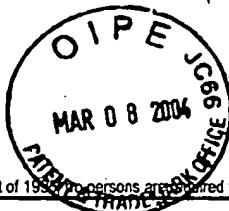
~~4/24/2~~

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**Substitute for form 1449A/PTO**

<b>Application Number</b>	10/047,481
<b>Filing Date</b>	October 23, 2001
<b>First Named Inventor</b>	J. H. Stevens
<b>Group Art Unit</b>	3738
<b>Examiner Name</b>	D. J. Isabella
<b>Attorney Docket Number</b>	HRT-287

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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Sheet 1 of 1

**U.S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

Examiner Signature \_\_\_\_\_ Date Considered 4/26/93

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SUBMISSION UNDER MPEP 609 D

Page 1 of 1

SUBMISSION UNDER MPEP 609 D	<b>Application Number</b>	10/047,581
	<b>Filing Date</b>	October 23, 2001
	<b>First Named Inventor</b>	John H. Stevens
	<b>Group Art Unit</b>	3738
	<b>Examiner Name</b>	D. J. Isabella
	<b>Attorney Docket Number</b>	HRT-287

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner 's Initials*	Cite No. <sup>1</sup>	Include name of the author (in <b>CAPITAL LETTERS</b> ), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
91		European Search Report EP 02001320 dated 03-13-2003 corresponding to related US Serial No. 08/123411 (now abandoned)	

Examiner Signature	11/16	Date Considered	4/24/11
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**Substitute for form 1449A/PTO**

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<b>Application Number</b>	10/047,581
<b>Filing Date</b>	October 23, 2001
<b>First Named Inventor</b>	John H. Stevens
<b>Group Art Unit</b>	3738
<b>Examiner Name</b>	D. J. Isabella
<b>Attorney Docket Number</b>	HRT-287

**U.S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	4/24/18
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**Substitute for form 1448A/PTO**

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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Sheet 1 of 1

Application Number	10/047,581
Filing Date	10/23/01
First Named Inventor	John H. Stevens
Group Art Unit	3738
Examiner Name	D. Isabella
Attorney Docket Number	HRT0287

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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**Substitute for form 1449A/PTO**

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Sheet 1 of 1

<i>Application Number</i>	10/047,581
<i>Filing Date</i>	October 23, 2001
<i>First Named Inventor</i>	John H. Stevens
<i>Group Art Unit</i>	3738
<i>Examiner Name</i>	D. J. Isabella
<i>Attorney Docket Number</i>	HRT-287

**U.S. PATENT DOCUMENTS**

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## TECHNOLOGY

## FOREIGN PATENT DOCUMENTS

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Substitute for form 1449A/PTO

Application Number	10/047,581
Filing Date	October 23, 2001
First Named Inventor	John H. Stevens
Group Art Unit	3738
Examiner Name	
Attorney Docket Number	HRT-287

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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Sheet 1 of 5

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code* (if known)			
DD	3,409,013			Berry	11/1968	
	3,587,115			Shiley	6/1971	
	3,671,979			Moulopoulos	6/1972	
	3,755,823			Hancock	9/1973	
	4,038,703			Bukros	8/1977	
	4,056,854			Vorelos et al.	11/1977	
	4,106,129			Carpentier et al.	8/1978	
	4,222,126			Boretos et al.	9/1980	
	4,297,749			Davis et al.	11/1981	
	4,343,048			Ross et al.	8/1982	
	4,574,803			Storz	3/1986	3
BB	4,580,568			Gianturco	4/1986	

## FOREIGN PATENT DOCUMENTS

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Substitute for Form 1449A/PTO

**Application Number**

10/047,581

**Filing Date**

October 23, 2001

**First Named Inventor**

John H. Stevens

**Group Art Unit**

3738

**Examiner Name**

**Attorney Docket Number**

HRT-287

**INFORMATION DISCLOSURE  
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Sheet 2 of 5

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant; passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
		4,612,011		Kautzky	9/1986	
		4,631,052		Kensey	12/1986	
		4,733,665		Palma	3/1988	
		4,777,951		Cribier et al.	10/1988	
		4,787,899		Lazarus	11/1988	
		4,787,901		Baykut	11/1988	
		4,796,629		Gratyzel	11/1989	
		4,856,516		Hillstead	8/1989	
		4,878,495		Grayzel	11/1989	
		4,883,458		Shiber	11/1989	
		RE33,258		Omik et al.	7/1990	
		4,966,604		Reiss	10/1990	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant; passages or relevant figures appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	KindCode <sup>5</sup>				

Examiner Signature

Date Considered

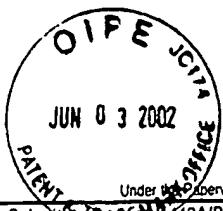
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<i>Application Number</i>	10/047,581
<i>Filing Date</i>	October 23, 2001
<i>First Named Inventor</i>	John H. Stevens
<i>Group Art Unit</i>	3738
<i>Examiner Name</i>	
<i>Attorney Docket Number</i>	HRT-287

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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Sheet 3 of 5

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code* (if known)			
		4,979,939		Shiber	12/1990	
		4,986,830		Owens et al.	1/1991	
		4,994,077		Dobben	2/1991	
		5,000,743		Patel	3/1991	
		5,007,896		Shiber	4/1991	
		5,011,488		Ginsburg	4/1991	
		5,026,366		Leckrone	6/1991	
		5,032,128		Alonso	7/1991	
		5,037,434		Lane	8/1991	
		5,047,041		Samuels	9/1991	
		5,053,008		Bajaj	10/1991	
		5,080,660		Buelna	1/1992	
		5,084,010		Plaia et al.	1/1992	

## FOREIGN PATENT DOCUMENTS

Examiner \_\_\_\_\_ Date \_\_\_\_\_ Considered **4/17/06**

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Substitution Form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 4 of 5

Application Number	10/047,581
Filing Date	October 23, 2001
First Named Inventor	John H. Stevens
Group Art Unit	3738
Examiner Name	
Attorney Docket Number	HRT-287

**U.S. PATENT DOCUMENTS**

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		Number	Kind Code <sup>2</sup> (if known)			
	5,089,015			Ross	2/1992	
	5,152,771			Sabbaghian et al.	10/1992	
	5,160,342			Reger et al.	11/1992	
	5,163,953			Vince	11/1992	
	5,167,628			Boyles	12/1992	
	5,295,958			Shturman	3/1994	
	5,332,402			Teitelbaum	7/1994	
	5,397,351			Pavenik et al.	3/1995	
	5,411,552			Anderson et al.	5/1995	
	5,443,446			Shturman	8/1995	
	5,480,424			Cox	1/1996	
	5,545,209			Roberts, et al.	8/1996	
	5,593,405			Osypka	1/1997	

## FOREIGN PATENT DOCUMENTS

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Substitute for Form 1449A/PTO

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